

**WHAT IS CLAIMED IS:**

1. A mounting structure for connecting detachably a saw blade guard to a worktable of a bench saw, said mounting structure comprising:

a first connector fixedly disposed at said worktable, said first connector  
5 having a non-circular block member and a screw hole axially extended through said non-circular block member;

a second connector fixedly disposed at said saw blade guard, said second connector having a connecting block provided with a through hole and a conical hole axially aligned at one end of the through hole of said connecting block, and a cone  
10 fitted into the conical hole of said connecting block, said cone having a through hole and a socket disposed at one end of the through hole of said cone and fitted onto said non-circular block member; and

a fastening member having a head stopped at one end of said connecting block, and a threaded shank inserted through the through hole of said connecting block  
15 and the through hole of said cone and threaded into said screw hole of said first connector to lock said second connector to said first connector.

2. The mounting structure as claimed in claim 1, wherein said non-circular block member of said first connector is a rectangular end block formed integral with  
20 one end of a fixed transverse rod in said worktable and extended out of one side of said worktable; said socket of said cone is a rectangular hole coupled to said rectangular end block to prohibit said cone from rotary motion relative to said fixed transverse rod.

3. The mounting structure as claimed in claim 2, wherein said conical hole  
25 has a diameter gradually increasing from the through hole of said connecting member

toward the outside of said connecting member; said cone has a reduced outer diameter inserted into the conical hole of said connecting block.